



SANMINA

# PCBA and System Assembly Haukipudas, Finland



## Complete PCBA & System Manufacturing Expertise

The Sanmina Haukipudas facility offers high-quality, PCBA, systems integration, test system design and development, and New Product Introduction (NPI) for key markets including telecommunications, multimedia, storage, medical, automotive, defense and commercial aviation. Whether you need assembly, test or top-level integration services for routers, set-top boxes, high-end devices, servers or ATMs, our Haukipudas facility has the expertise and capabilities for complex, high-technology products. We provide end-to-end solutions, including enclosures, and machining. Our highly skilled staff can meet the complex demands of manufacturing today's electronics, such as: 01005 components, ultra-fine-pitch components, PoP, BGAs, wide-body boards, RoHS, clean room assembly, complex RF and optical testing. As an SAQ-ranked 'Low Risk Supplier' and an E-TASC member, we provide complete supply chain management. With superior standards and fast response times, the Sanmina Haukipudas facility offers comprehensive PCBA and system manufacturing services.

### MANUFACTURING CAPABILITIES

- Build-to-Order, Configure-to-Order (BTO/CTO)
- Wide Body PCBA Capability
- Clean/No-Clean Processes
- Press-Fit, Fiber Optics Assembly
- Selective Wave Soldering
- Thermal Gel Robot Dispensing
- Depanelizing Router Robot & Laser Cutter
- Ultrasound Welding
- Laser Marking Capability

### ENGINEERING CAPABILITIES

- Prototyping
- Dedicated NPI Facility
- Tooling Development

- Component and Process Engineering
- Product, Quality and Test Engineering
- Failure Analysis, DFx (DFT), Metal Workshop

### TESTING CAPABILITIES

- Test System Development
- 3D SPI, AOI & AXI
- Functional, ICT, Boundary Scan
- ESS and Flying Probe
- Climatic Test Chamber

### TECHNOLOGIES

- Flip-Chip, Lead-Free Processes
- $\mu$ BGA, PGA, LGA and BGA

### LOGISTIC SERVICES

- Direct Order Fulfillment
- Warehousing and Distribution
- Post-Manufacturing Repair/Warranty

### CERTIFICATIONS

- ISO 9001 and TL 9000
- ISO 14001
- ISO 13485
- AQAP-2110
- ANSI/ESD S20/20 Compliance
- IPC-A-610 Class II & III
- IPC-7711/7721
- IPC-A-620
- IPC-A-600

### ABOUT SANMINA CORPORATION

Sanmina Corporation is a Fortune 500 company and a leading global provider of integrated manufacturing solutions, components, products, repair, logistics and after-market services. Recognized as a technology leader, Sanmina provides end-to-end manufacturing solutions, delivering superior quality and support to Original Equipment Manufacturers (OEMs) primarily in the communications networks, cloud solutions, medical, defense and aerospace, industrial and automotive segments. Sanmina has facilities strategically located in key regions throughout the world.

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